

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB09380 - Goat Anti-RAP1 / TERF2IP Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TERF2IP, telomeric repeat binding factor 2, interacting protein, DRIP5, RAP1, TRF2-interacting telomeric RAP1 protein, dopamine receptor interacting protein 5

Official Symbol: TERF2IP

Accession Number(s): NP_061848.2

Human GeneID(s): 54386

Non-Human GenelD(s): 57321 (mouse), 307861 (rat)

Immunogen

Peptide with sequence C-GAQNVARRIEFRKK, from the C Terminus of the protein sequence according to NP_061848.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 60kDa band observed in Human Bone Marrow, Lymph Node and Tonsil lysates (calculated MW of 44.3kDa according to NP_061848.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-0.3µg/ml.

Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Cow, Dog

Specific Reference

This antibody has been successfully used in the following paper:

Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen

A high-throughput pipeline for validation of antibodies

Nat Methods. 2018 Nov;15(11):909-912

PMID: 30377371

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09380 (0.2 μ g/ml) staining of Human Tonsil lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.